

Air Force Medical Service Operational Medicine Requirements by Area  
Rank Ordered Within Operational Areas

BD 1: Biologic agent identification  
BD 2: Provider/patient personal protection

CCC 1: Improved resuscitation technologies  
CCC 2: Deployable oxygen systems  
CCC 3: Field medical monitoring equipment  
CCC 4: Advanced aeromedical evacuation equipment  
CCC 5: Remote patient monitor system  
CCC 6: Point of injury monitoring  
CCC 7: Improved modeling tools  
CCC 8: Advanced medical communications

CD 1: Patient decontamination  
CD 2: Chemical agent injury diagnosis/treatment  
CD 3: Transportable isolation system  
CD 4: Patient respiratory/eye protection  
CD 5: Advanced NBC collective protection

ID 1: Operationally relevant vaccines/medications  
ID 2: Advanced distributed learning capability

MOM 1: Military health surveillance systems  
MOM 2: Toxic chemical detector/monitor  
MOM 3: Modular deployable IM/IT systems  
MOM 4: Laser bioeffects  
MOM 5: WMD/emergency alert/response  
MOM 6: Radiofrequency radiation bioeffects  
MOM 7: Improved hearing protection  
MOM 8: Protection in hypobaric environments  
MOM 9: NBC biodosimetry

RD 1: Radiologic air sampling platform  
RD 2: FDA approved radioprotectants  
RD 3: Ionizing radiation treatment  
RD 4: Nuclear/radiological personal protective equipment  
RD 5: Radiation dosimeter for personnel  
RD 6: Radiation prophylactic protocols  
RD 7: Internal radiation dosimetry  
RD 8: Improved uranium bio-assay  
RD 9: Low-dose radiation biomarkers

## **AF Human Weapon System (HWS) Deficiencies**

**AFMS priorities (Grouped by priority – not in order within that priority)**

### **Top Tier**

**Sustained Operations**

**Performance Sustainment and Protective Gear**

**Eye Protection against Agile Laser Threats**

**Bioeffects of Directed Energy**

**Night Operations**

**Simulators and Distributive Mission Training (DMT)**

### **Middle Tier**

**Anthropometry**

**Occupational Performance Selection**

**Acceleration Performance Enhancement**

**Suboptimal Situational/Spatial Awareness**

**Adverse Effects of Operations at Altitude**

### **Bottom Tier**

**Oxygen for Aeromedical Operations**

**Color Vision Performance**

**Nutritional and Pharmaceutical Effects on Human Performance**

**Human to Systems Controls**